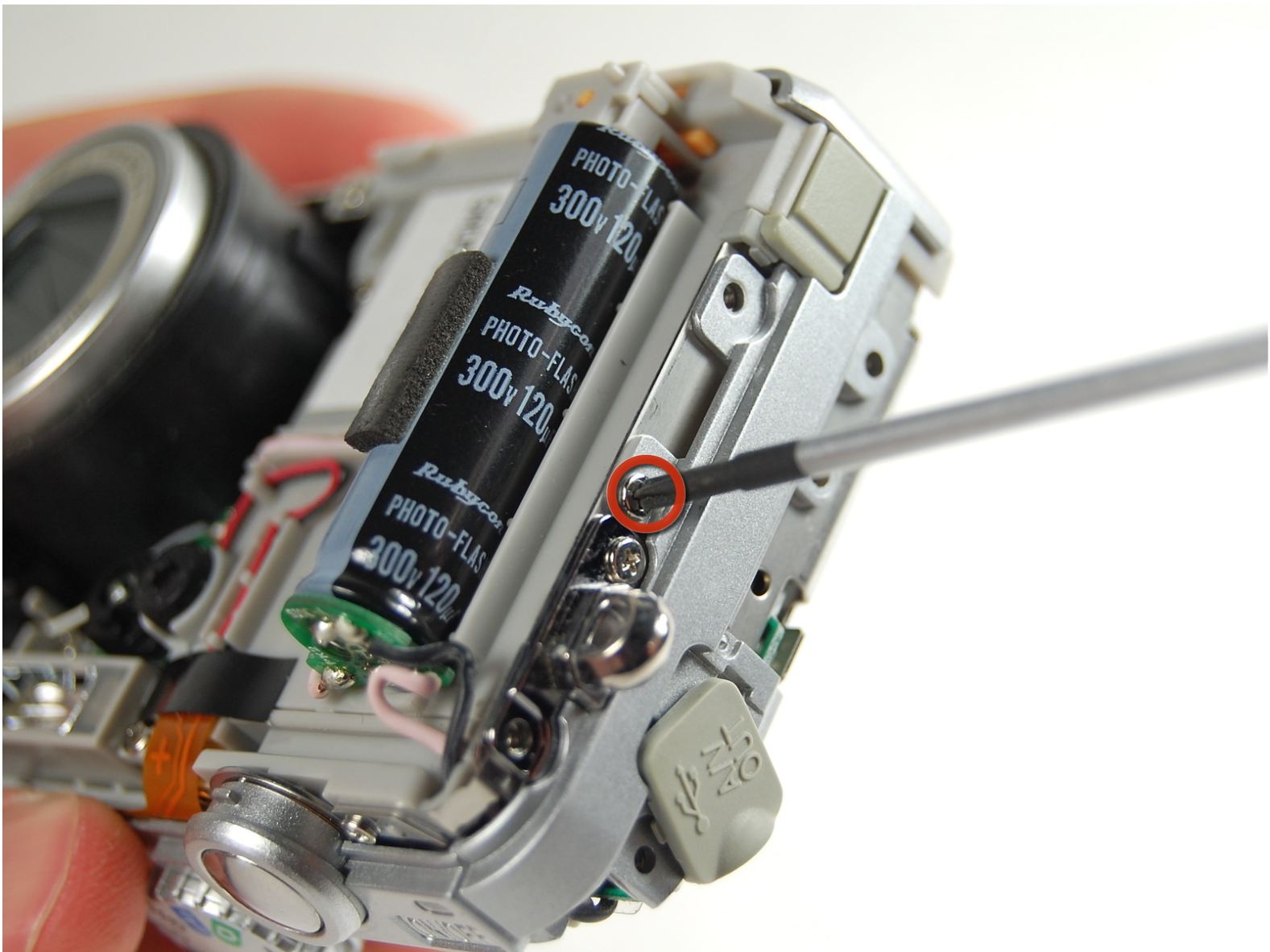




# Nikon COOLPIX P2 Motherboard Replacement

Step-by-step guide to replacing the motherboard in your Nikon camera.

Written By: Joshua Avery





## TOOLS:

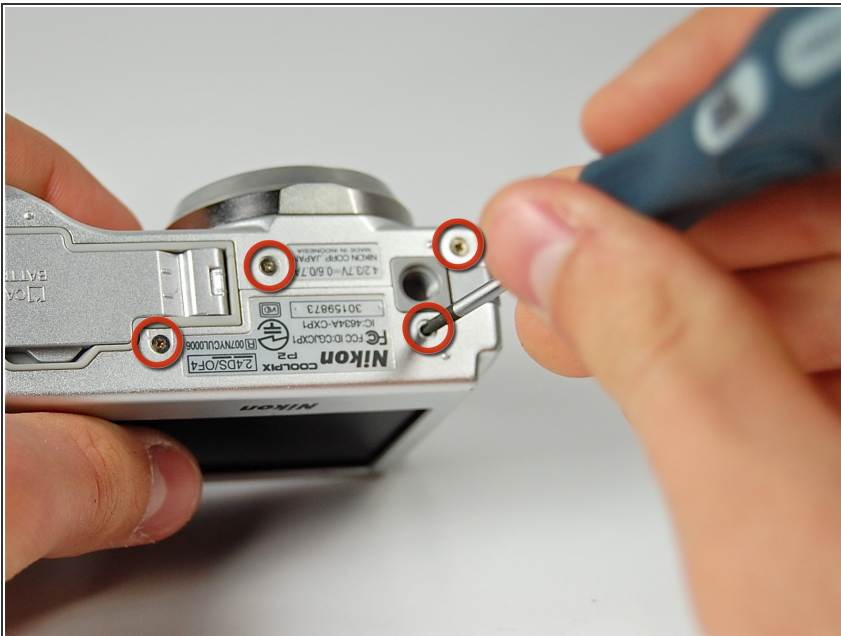
- [Phillips #00 Screwdriver](#) (1)
  - [Soldering Station](#) (1)
  - [iFixit Opening Tools](#) (1)
-

## Step 1 — Case



- Remove the screw located near the speaker port using a Phillips 00 screwdriver.

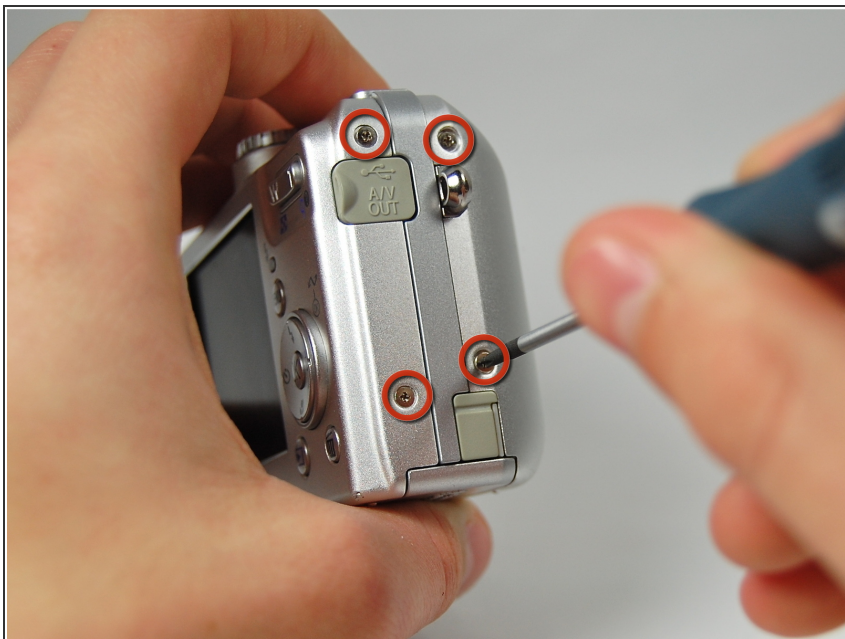
## Step 2



- Turn camera upside down so that the battery compartment is facing you.
- Remove all four screws from the bottom of the camera with a Phillips 00 screwdriver.



### Step 3



- Rotate the camera to the opposite side where the A/V outlet is located.
- Unscrew and remove all four screws with a Phillips 00 screwdriver.

### Step 4



- Turn the camera so that the Wi-Fi adapter is facing you.
- Unscrew and remove all four screws with a Phillips 00 screwdriver.

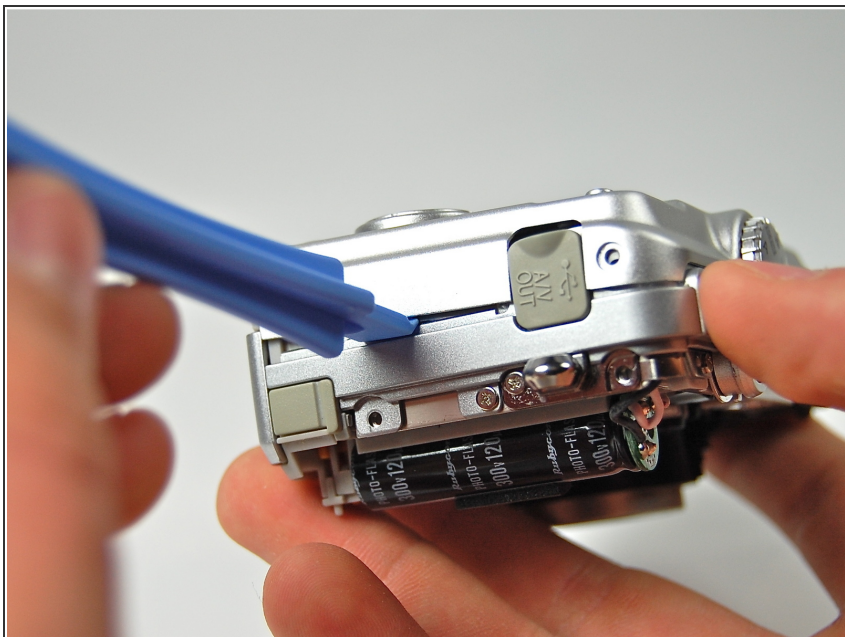


## Step 5



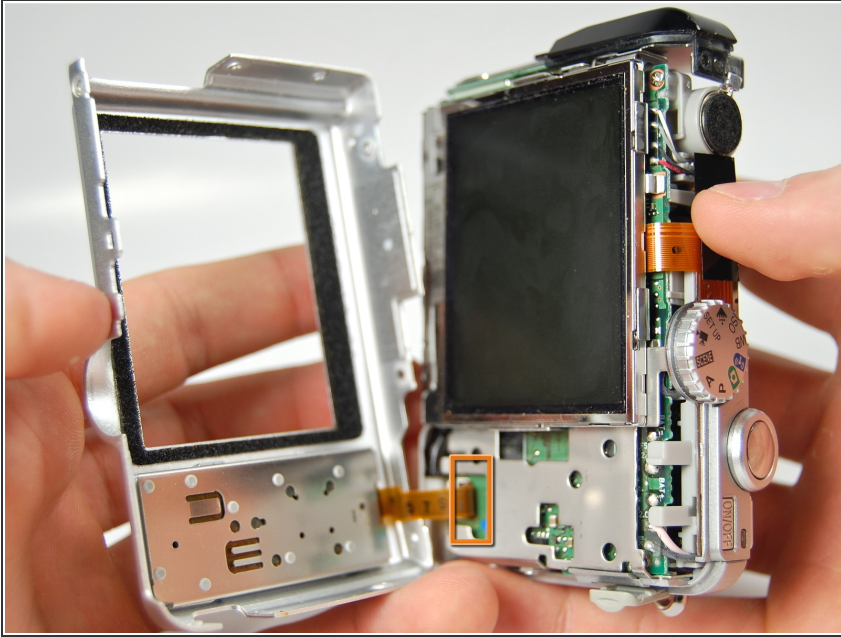
- Using a plastic opening tool, pry the front casing of the camera.
- Continue this motion all around the front casing of the camera.
- Gently pull apart the front casing from the rest of the camera.

## Step 6



- Using the plastic opening tool pry the back casing of the camera.

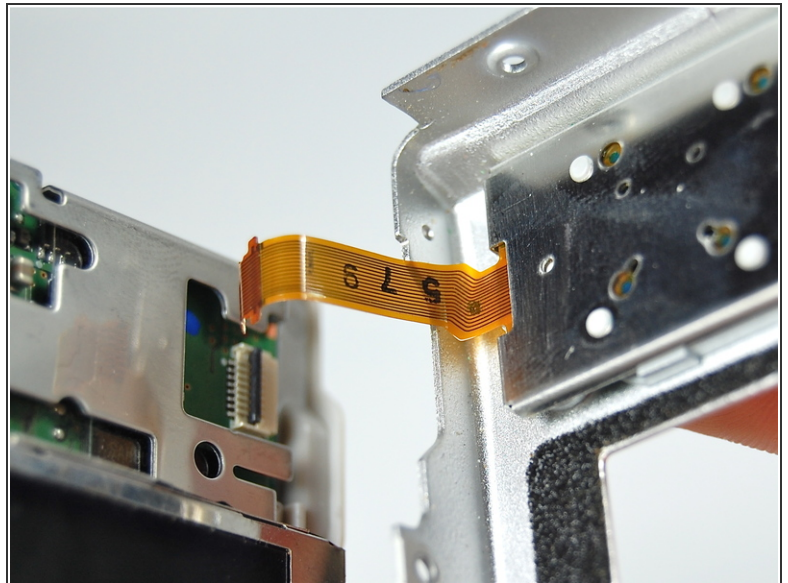
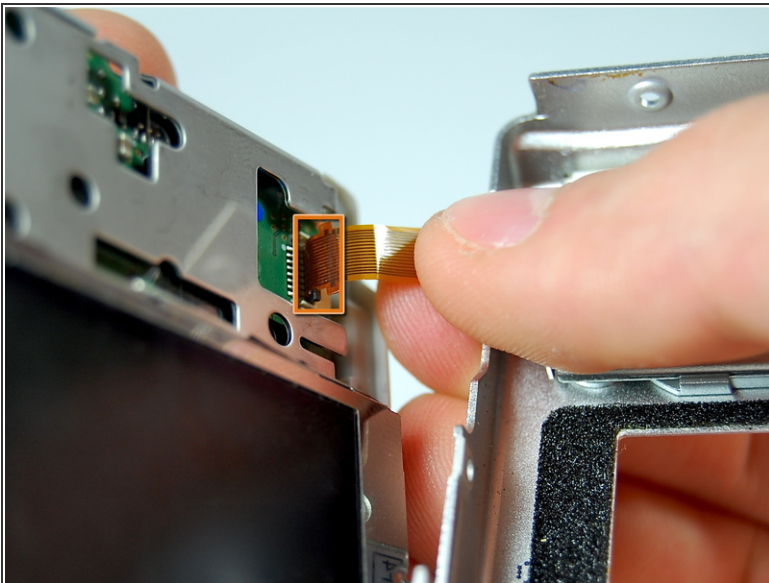
## Step 7



 Orange ribbon is fragile

- Carefully pull apart the back casing of the camera from the front of the camera without tearing the orange ribbon.

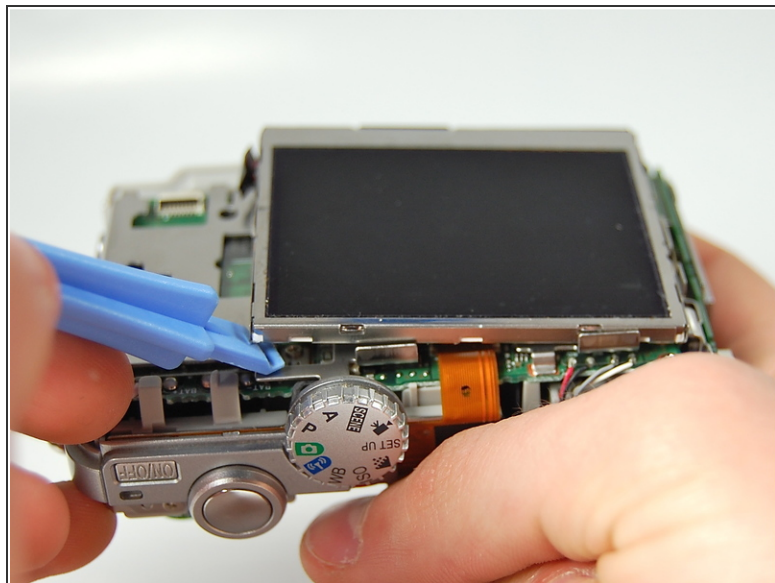
## Step 8



- Pull down the on the black latch to carefully separate the orange ribbon from the motherboard.
- Pull apart the orange ribbon and front casing from the rest of the camera.

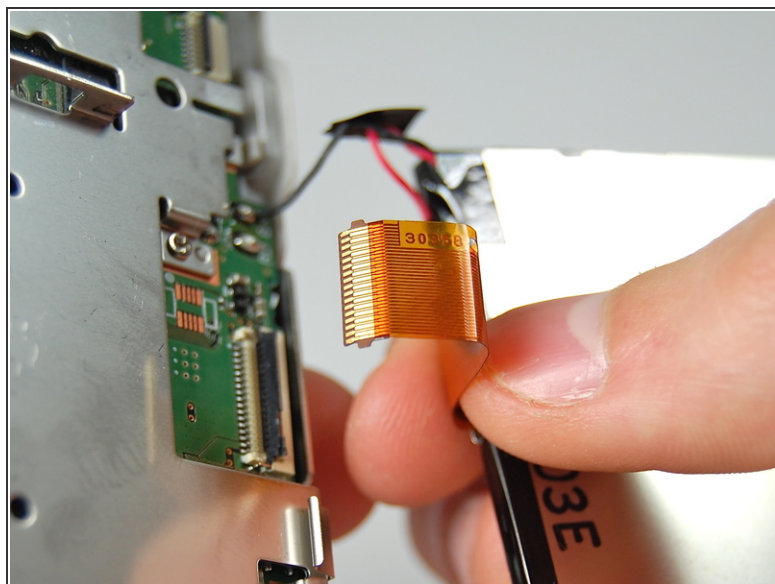
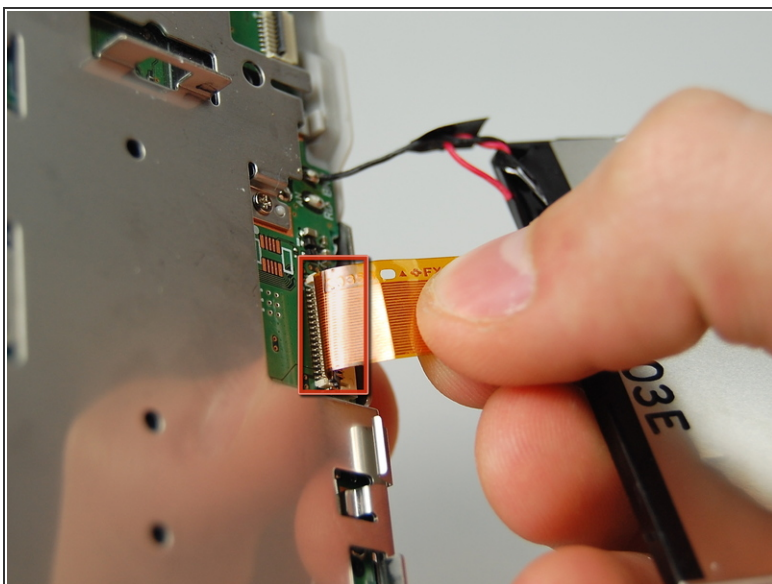


## Step 9 — LCD Screen



- Use plastic opening tool to carefully pry the LCD Screen from the camera.

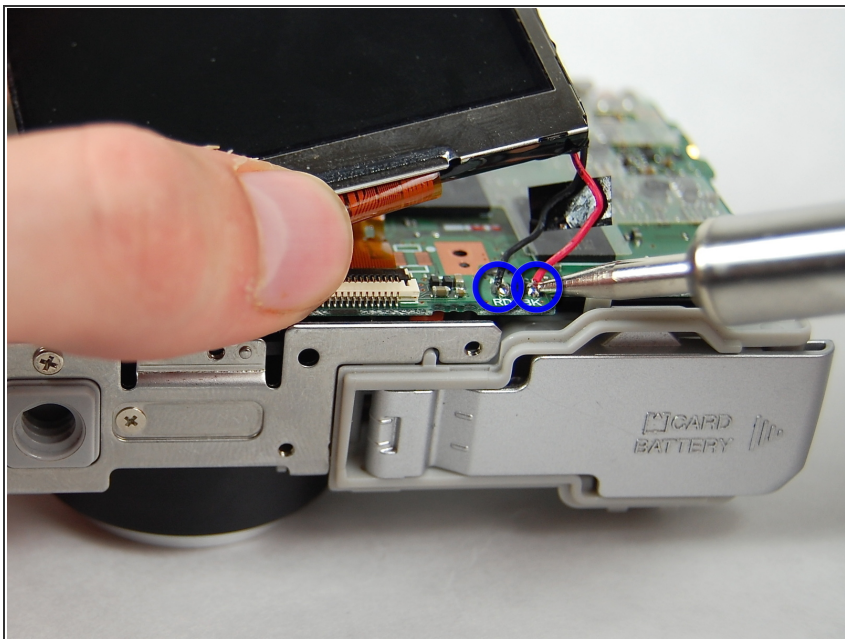
## Step 10



- Gently pull the ribbon cable down to release the latch, then pull up to remove it from the motherboard.



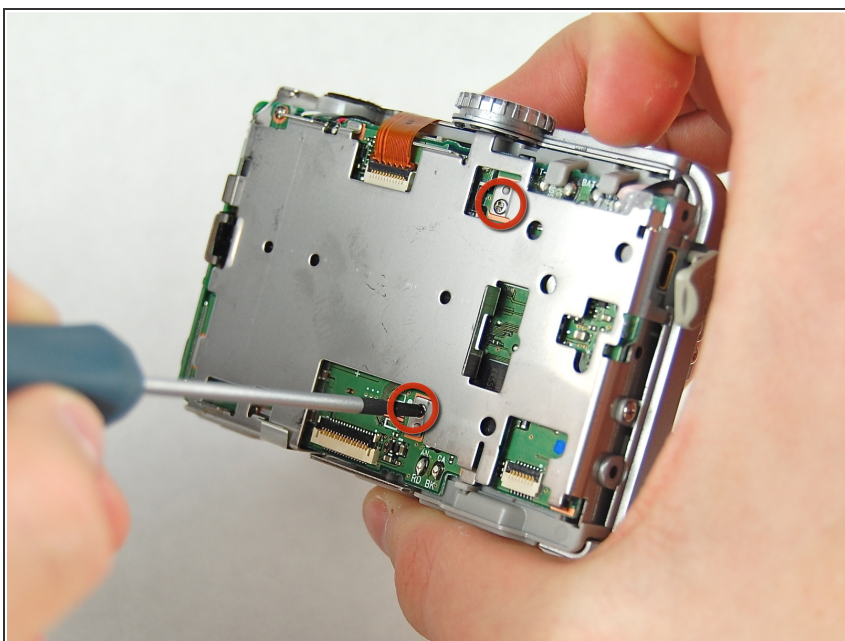
## Step 11



- De-solder the black and red wires from the mainboard.

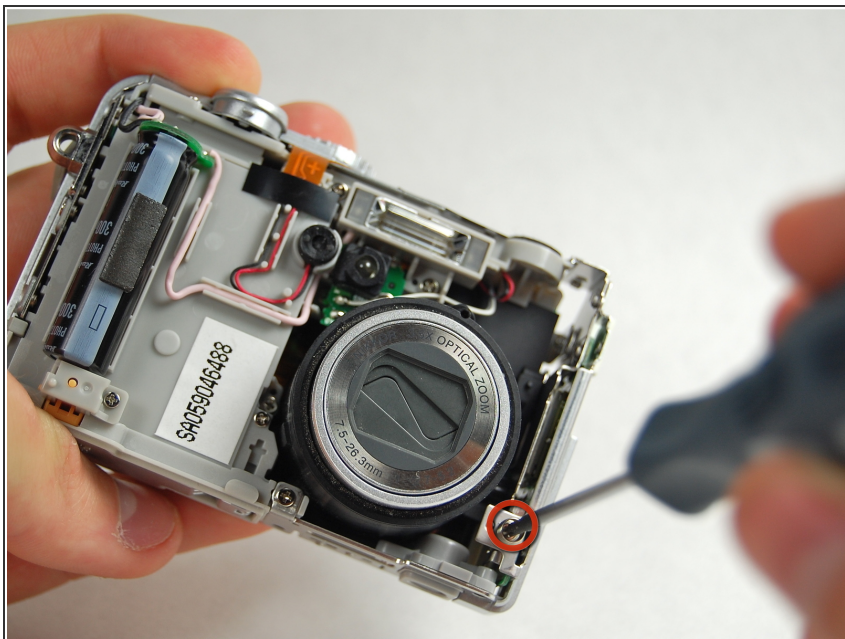
⚠ Using a soldering iron can be dangerous! Refer to the [iFixit Soldering Iron Safety Information Page](#) Use caution while attempting this repair.

## Step 12 — WiFi Card



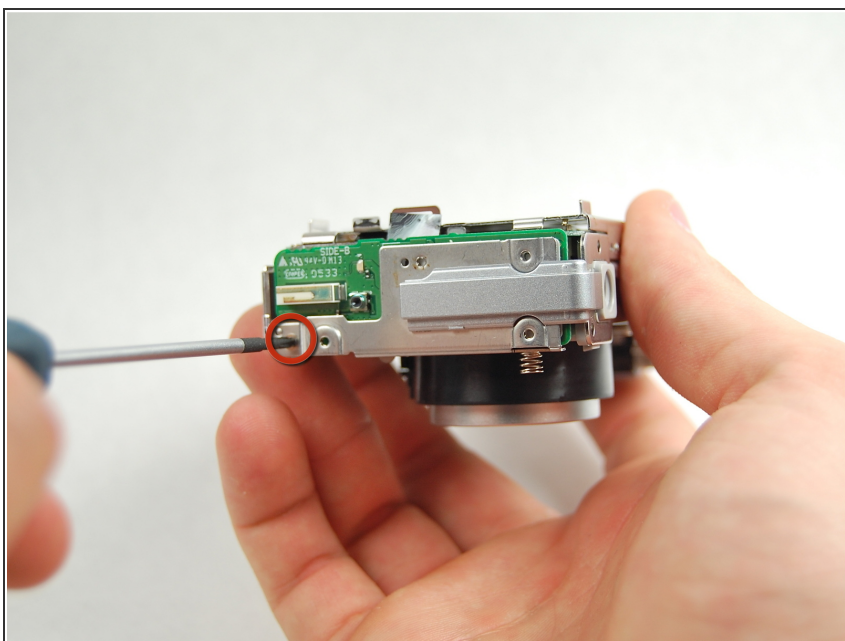
- Continue by removing two screws from the back of the camera body.

## Step 13



- Remove the screw connecting the wifi card cover to the front of the camera.

## Step 14



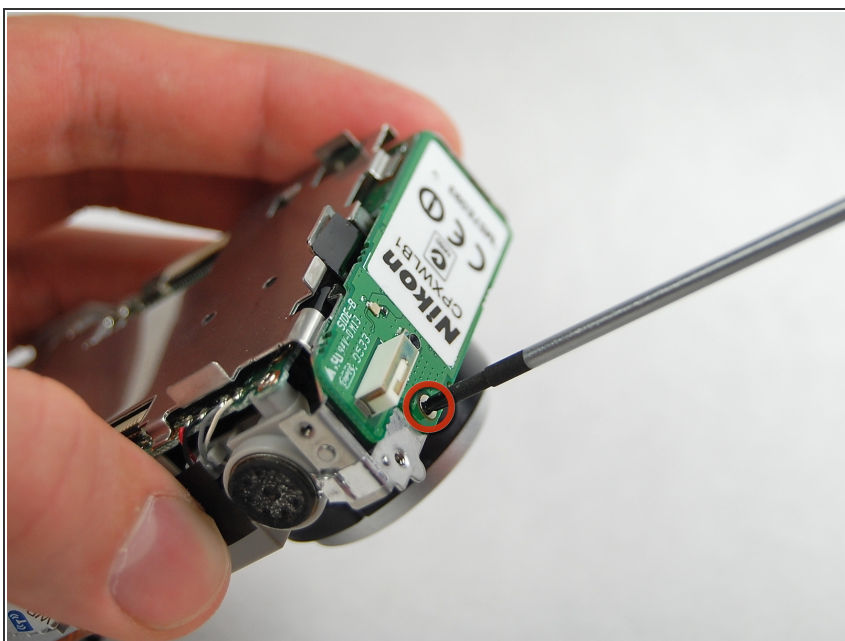
- Remove the final screw connecting the Wifi card cover to the case.

## Step 15



- Gently pull the Wifi card cover off of the camera body.

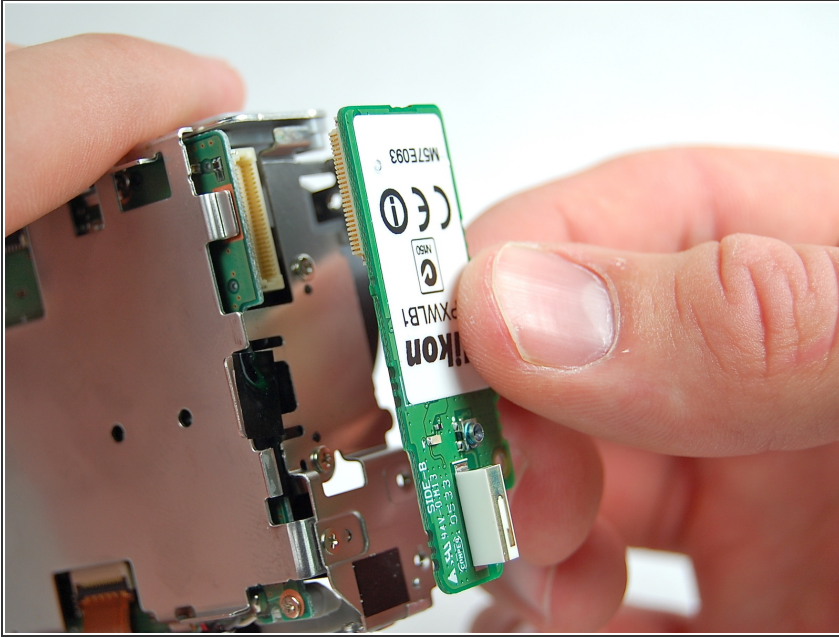
## Step 16



- Remove the screw holding the Wifi Card to the camera body.

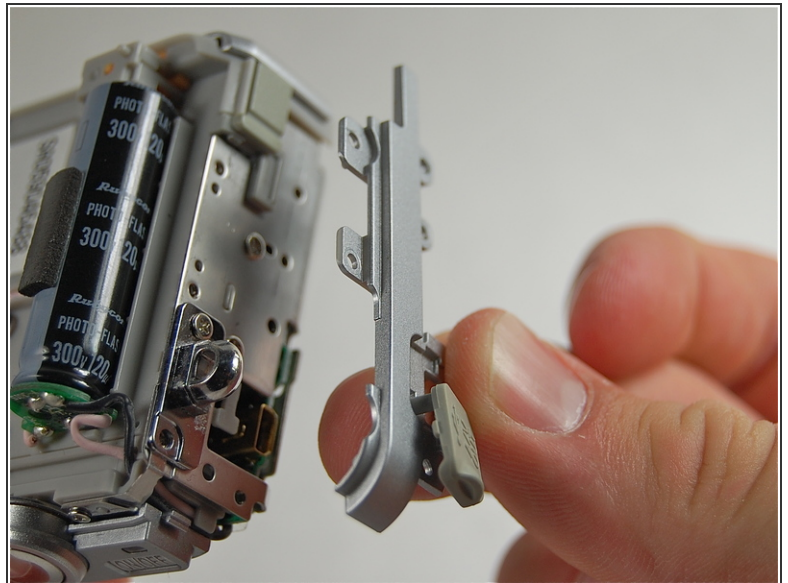
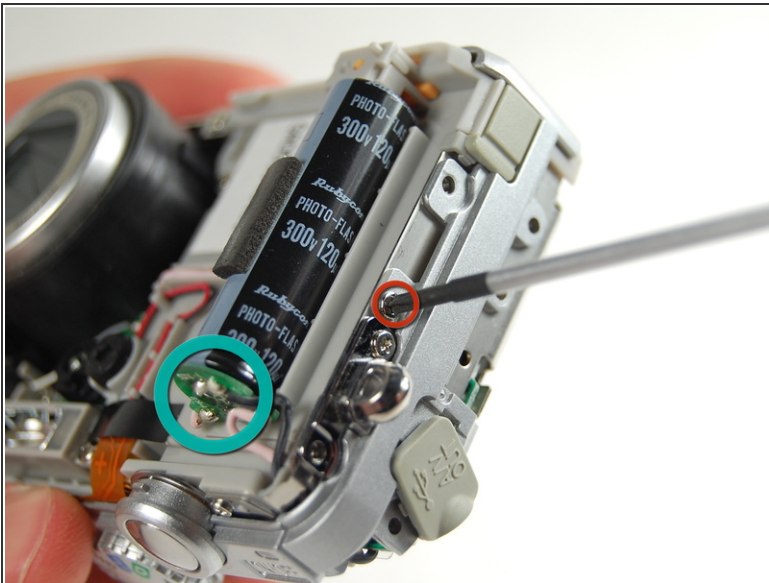


## Step 17



- Gently pull the WiFi card out of the camera.

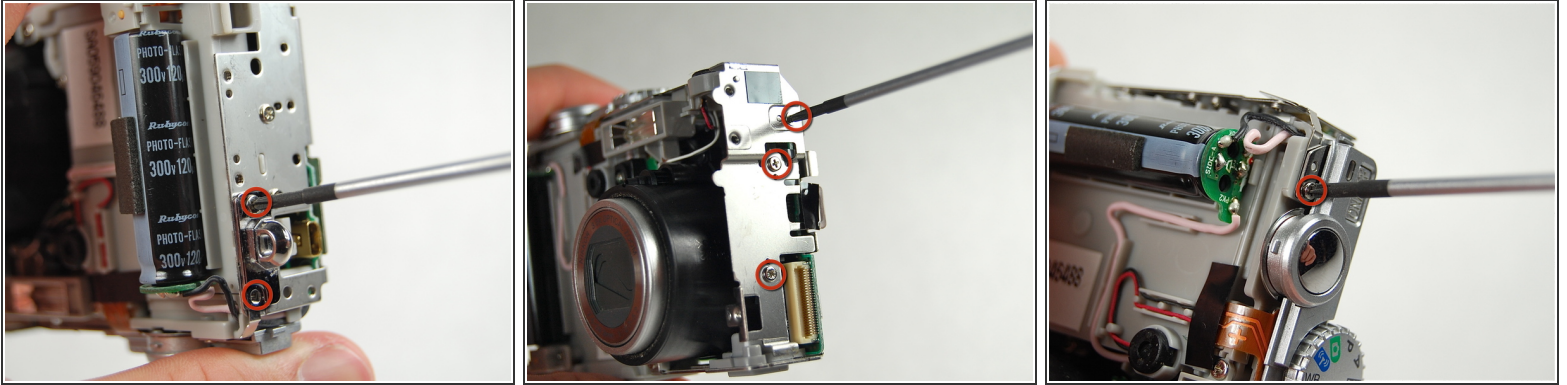
## Step 18 — Motherboard



- Continue removing screws from the outside of the camera body.
- Next pull the plastic side panel off of the camera body.

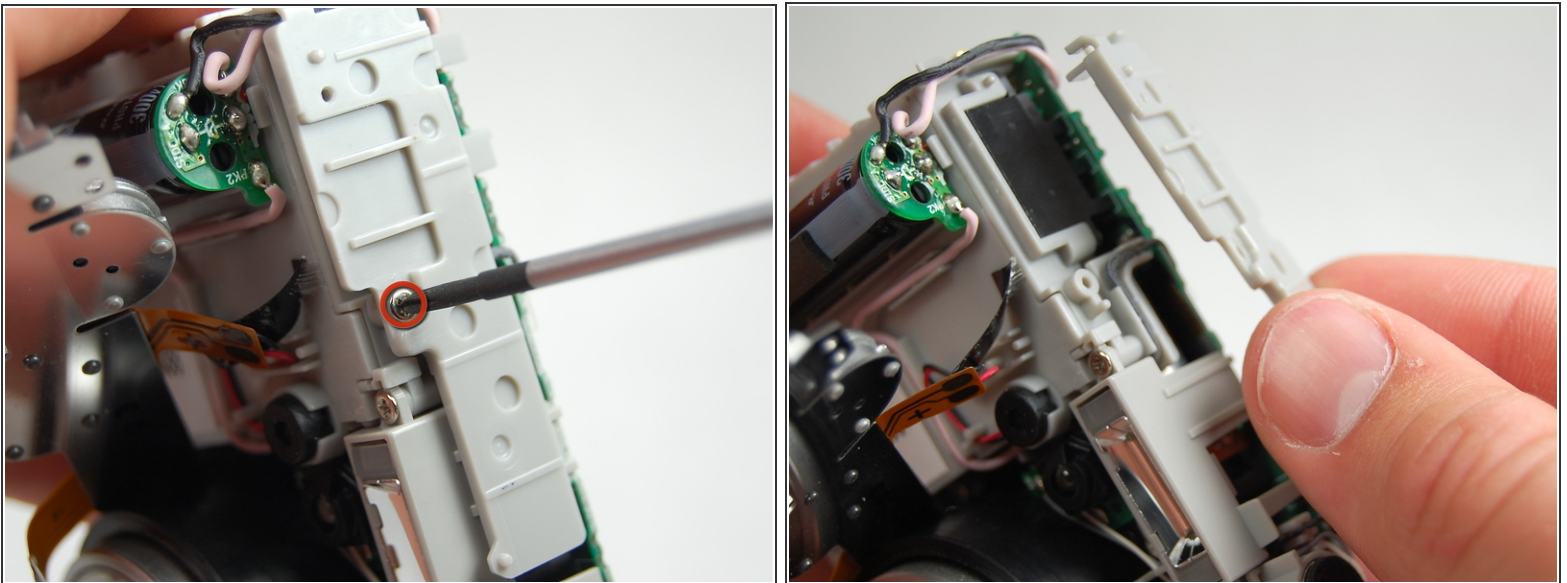
⚠ Be extremely careful when holding the camera around the flash capacitor (circled in green), it is probably still charged, and it is very painful if you are shocked by it.

## Step 19



- Remove the two screws connecting the strap loop to the camera body.
- Remove the three screws from the left side of the camera body.
- Remove the screw by the shutter button.

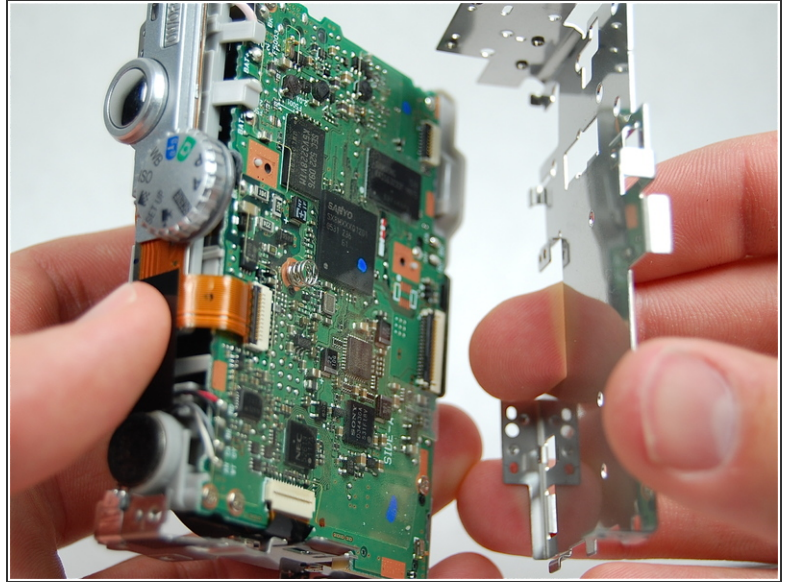
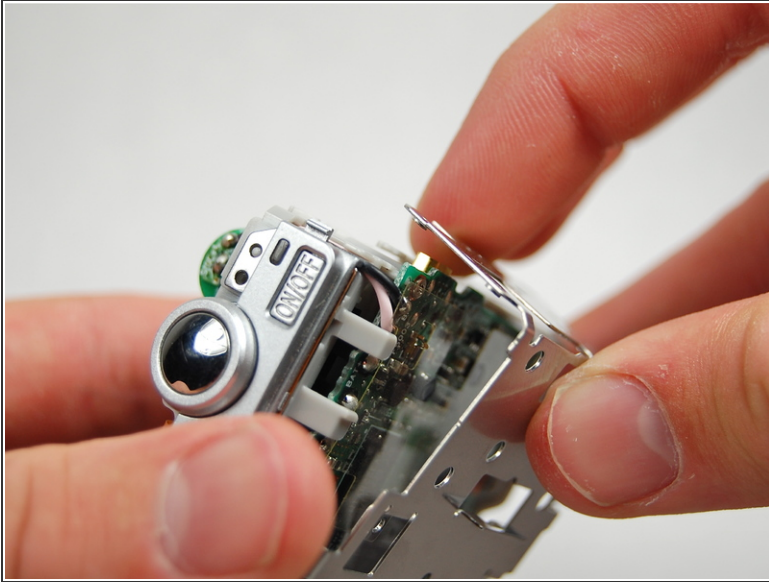
## Step 20



- Remove screws from plastic side cover.
- Pull off plastic cover.

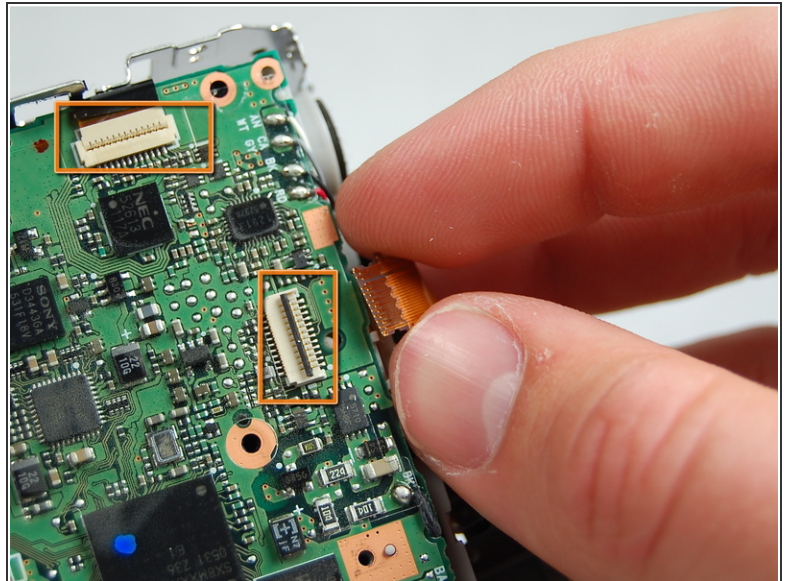
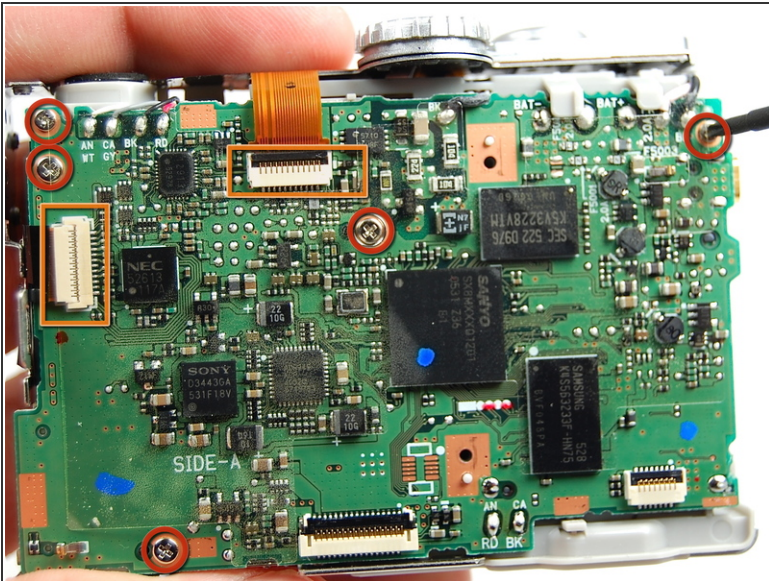


## Step 21



- Carefully remove the back housing body from the camera.

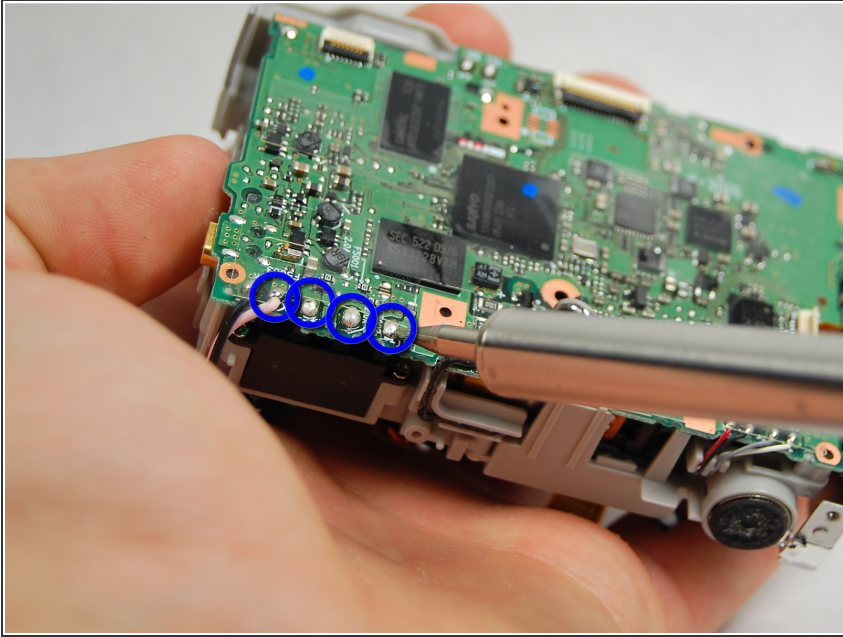
## Step 22



- Remove the five screws connecting motherboard to the camera body.
- Carefully detach the two ribbon cables from the motherboard by releasing the black plastic catch, then pull the cables gently upwards out of the connector.



## Step 23



- Carefully de-solder the four connections to the motherboard.

To reassemble your device, follow these instructions in reverse order.

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